

ABSTRACT OF THE INVENTION

The present invention describes a method and system for managing high-availability-aware components in a networked computer system. In particular, the method includes registering components and dynamically allocating roles and assignments to one or more of the registered components to achieve a desired level of redundancy based on component type information. The method may include an additional step of performing administrative actions on the registered components in response to a request from an external management agent in order to increase the availability of services provided by the high-availability-aware components. Further, the method may additionally include responding to an error by changing roles and assignments of one or more of the registered components, providing information to registered components so that related components may communicate to achieve a desired redundancy level, and/or maintaining additional information relevant to managing high-availability-aware components. Such additional information may include information regarding software release domains, component relationships, and/or protection groups.